

WEST

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File: DWPI

Aug 1, 1978

DERWENT-ACC-NO: 1978-61563A

DERWENT-WEEK: 197834

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TITLE: Alkaline storage battery with improved separator - obtd. by coating synthetic fibre fabric with mixt. of magnesia, carbon powder, binder and gelling agent

PATENT-ASSIGNEE:

ASSIGNEE

CODE

RAY-O-VAC

RAYN

PRIORITY-DATA: 1972JP-0041028 (April 24, 1972)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 78026287 B	August 1, 1978		000	
<u>JP 49002023 A</u>	January 9, 1974		000	

INT-CL (IPC): H01M 2/14; H01M 6/04

ABSTRACTED-PUB-NO: JP 78026287B

BASIC-ABSTRACT:

The battery has a novel separator obtained by coating a mixt. of magnesium oxide, carbon powder (e.g. carbon black, flaky graphite etc) binder (e.g. obtd. by dissolving polystyrene, chloroprene, etc. into cyclohexane, toluene etc.) and gelling agent (e.g. sodium polyacrylate, carboxyvinyl polymer, etc) on a (non)woven alkali resistant synthetic fibre fabric (e.g. of nylon, polyethylene, polypropylene, etc.).

The battery has excellent discharge characteristics and shelf life.

TITLE-TERMS: ALKALINE STORAGE BATTERY IMPROVE SEPARATE OBTAIN COATING SYNTHETIC FIBRE FABRIC MIXTURE MAGNESIA CARBON POWDER BIND GEL AGENT

DERWENT-CLASS: A85 L03 X16

CPI-CODES: A12-E06; L03-E01A;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0044 0209 0231 0239 0248 0304 0402 0409 0411 1107 1235 1283 2001 2020 2283 2427 2434 2507 2528 2607 2723 2739 2820 2821

Multipunch Codes: 011 034 04- 041 046 047 050 055 056 06- 062 063 074 075 076 09- 117 124 135 137 141 230 231 24- 27& 311 332 339 340 398 431 440 473 477 481 483 541 545 60- 623 627 664 665 667 688

Set Name Query
side by side

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L13</u>	(film or coat\$3) with conductive powder with (binder or binding agent) with (pore or porosity)	3	<u>L13</u>
<u>L12</u>	L11 same (separator or separating plate)	6	<u>L12</u>
<u>L11</u>	layer same carbon powder same (binder or binding agent) same (pore or porosity)	46	<u>L11</u>
<u>L10</u>	L9 not l8	6	<u>L10</u>
<u>L9</u>	(film or coat\$3) same conductive powder same (binder or binding agent) same (pore or porosity)	9	<u>L9</u>
<u>L8</u>	L7 not l4	3	<u>L8</u>
<u>L7</u>	L6 not l5	3	<u>L7</u>
<u>L6</u>	(film or coat\$3) with conductive powder with (binder or binding agent) with (pore or porosity)	3	<u>L6</u>
<u>L5</u>	l4 same (separator or separating plate)	3	<u>L5</u>
<u>L4</u>	(film or coat\$3) same carbon powder same (binder or binding agent) same (pore or porosity)	44	<u>L4</u>
<u>L3</u>	(film or coat\$3) with carbon powder with (binder or binding agent) with (pore or porosity)	1	<u>L3</u>
<u>L2</u>	JP-49002023-\$.did.	1	<u>L2</u>
<u>L1</u>	JP-78026287-\$.did.	1	<u>L1</u>

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Term	Documents
FILM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1881934
FILMS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	426698
CONDUCTIVE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	761431
CONDUCTIVES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	122
POWDER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	802717
POWDERS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	181543
BINDER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	358646
BINDERS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	101461
BINDING.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	302834
BINDINGS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	7270
AGENT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1350760
((FILM OR COAT\$3) WITH CONDUCTIVE POWDER WITH (BINDER OR BINDING AGENT) WITH (PORE OR POROSITY)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

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L13

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